

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOL LISTS FOR MACHINE GUN, 7.62-MM, M60, W/E AND MOUNT, TRIPOD, MACHINE GUN, M122

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* This manual supersedes TM 9-1005-224-20P, 19 August 1960.

SECTION I

PREFACE

1. General

a. This manual is a list of items which are required to be stocked by organizational maintenance units as their prescribed load. Also listed are additional repair parts which may be required for performing organizational maintenance but are to be requisitioned, as required, for immediate use only.

b. For prices of items listed herein, see the appropriate supply manuals of the SM 9-2 series.

c. Additional application of items in this manual are listed in the supply manuals of the SM 9-3 series.

2. Requisition Notes

a. When requisitioning an item, the requisitioning agency will order the *listed* item. However, the commodity command will take necessary action to issue the exhaust stock item until stock is exhausted, whether it be an individual item, kit, set, or assembly.

b. Requisitions for replacement of items that are the responsibility of commodity commands will be submitted to the commodity commands, identified by their materiel code number, indicated in column 1a.

c. If the exact item requisitioned is not furnished or if other action is necessary, the exact nature of the action taken by the supplying agency will be indicated by standard symbols on prescribed forms.

d. Items listed and indicated by an asterisk may be requisitioned as required.

3. Explanation of Columns

a. *Source, Maintenance, and Recoverability Code (Col. 1).*

(1) *Materiel numerical code (col. 1a).* This column indicates the materiel numerical code, other than Ordnance materiel, assigned supply responsibility for the listed item. Commodity commands responsible for supply of items in this list are:

Code	Type Materiel
3	Chemical Materiel
5	Engineer Materiel
10	Quartermaster Materiel

(2) *Source (col. 1b).* This column indicates the selection status and source for the listed item. Source codes used in this list are:

Code	Explanation
P	Applies to high mortality parts.
P1	Applies to low mortality parts.

(3) *Maintenance level (col. 1c).* This column indicates the lowest maintenance level authorized to install the listed item. Maintenance level code used in this list is:

Code	Explanation
0	Organizational maintenance (Operator and Organizational)

(4) *Recoverability (col. 1d).* This column indicates whether unserviceable items should be returned for recovery or salvage. When no code is indicated, the item is expendable and not recoverable. Recoverability code used in this list is:

Code	Explanation
R	Items which are economically repairable at direct and general support activities and are normally furnished by supply on an exchange basis.

b. *Federal Stock Number (Col. 2).* This column indicates the Federal stock number which has been assigned by the Cataloging Division, Defense Logistics Services Center.

c. *Description (Col. 3).* This column indicates the Federal item name (shown in capital letters) and any additional description required for supply operations. The abbreviation "w/e" (with equipment), when used as a portion of the nomenclature, indicates that the end item (major item)

includes all repair parts and equipment issued with the item. The commodity command or manufacturer's part number is also included for reference.

d. *Unit of Issue (Col. 4).* This column indicates the quantity to be requisitioned.

e. *Quantity Incorporated in Unit (Col. 5).* This column indicates the total number of times the listed item is used in the end item (major item).

f. *15-Day Maintenance Allowance Per Equipment Density Spread (Col. 6).*

(1) These columns list allowances which are based on the latest mortality data and are the estimated average quantity required for organizational maintenance to provide maintenance and supply support for selected equipment density spreads for a 15-day period under combat conditions.

Example: If the number of equipments supported is 5, the quantitative allowance should be selected from column 6 (a) (1-6 equipments).

(2) The quantitative allowance determined by (1) above constitutes one prescribed load for a 15-day period. This quantity must be on hand or on order at all times.

(3) Units and organizations authorized additional prescribed loads will multiply the number of equipments supported by the number of prescribed loads and then use the appropriate equipment allowance column. An exception is made for those units and organizations required to have on hand, boxed or packaged, prescribed load(s) pursuant to a special mission assignment. Such prescribed load(s) will be computed or selected separately from quantities authorized for stockage at permanent station.

Example: If the number of equipments supported is 5 and the number of prescribed loads is 2, the computation would be $5 \times 2 = 10$. The quanti-

tative allowance would be selected from column 6 (b) (7-20 equipments).

(4) When an allowance is inclosed in parentheses, the item is designated as a "combat essential item of a critical nature" and must be stocked at all times.

(5) Subsequent changes to allowances will be limited as follows:

(a) No decrease in the stated quantity of Combat Essential Items is authorized.

(b) Decreases in the stated quantity, other than Combat Essential Items, are authorized to a minimum quantity of one.

(c) Increases in the stated quantity are authorized for all items when justified by demand and usage experience.

(d) Detailed procedures for performing these adjustments are prescribed in AR 735-35.

(e) No change in the range (list of items contained herein) is authorized. If additional items are considered necessary, a recommendation should be forwarded to the preparing agency for exceptions or revision to the allowance list.

g. *Illustration (Col. 7).* This column indicates the figure number of the illustration that depicts the listed item. When more than one item appears on an illustration, the item number is also indicated.

4. Abbreviations and Symbols

a. Abbreviations.

Abbreviation	Explanation
assy	assembly
dia	diameter
equip	equipment
gal	gallon(s)
hd	head
id	inside diameter(s)
lb	pound(s)
lg	length (long)
NF	American National Fine thread
od	outside diameter(s)
oz	ounce(s)
phos-ctd	phosphate coated

Abbreviation	Explanation
pkg	package (s)
qt	quart (s)
rd	round
S	steel
sq	square
stk	stock
thk	thick (ness)
w	wide (width)
x	by (used between dimensions)

b. Symbols.

Symbol	Explanation
() . . .	Allowances inclosed in parentheses are "combat essential items." These items are of a critical nature and <i>must</i> be stocked at all times.
* . . .	Indicates repair parts which may be required to perform authorized maintenance but not authorized for stockage in the prescribed load. These parts are to be requisitioned, as required for immediate use only.
AR . . .	Indicates item is to be requisitioned as required.



Figure 1. 7.62-mm machine gun M60 and machine gun tripod mount M122.

Symbol	Explanation
LAW. . .	weapons lubricating oil
LSA. . .	semi-fluid lubricating oil
P-C-	
111A. .	carbon removing compound
PD 126	solvent cleaning compound
PL spe-	
oial . .	general purpose lubricating oil
SD. . . .	dry cleaning solvent

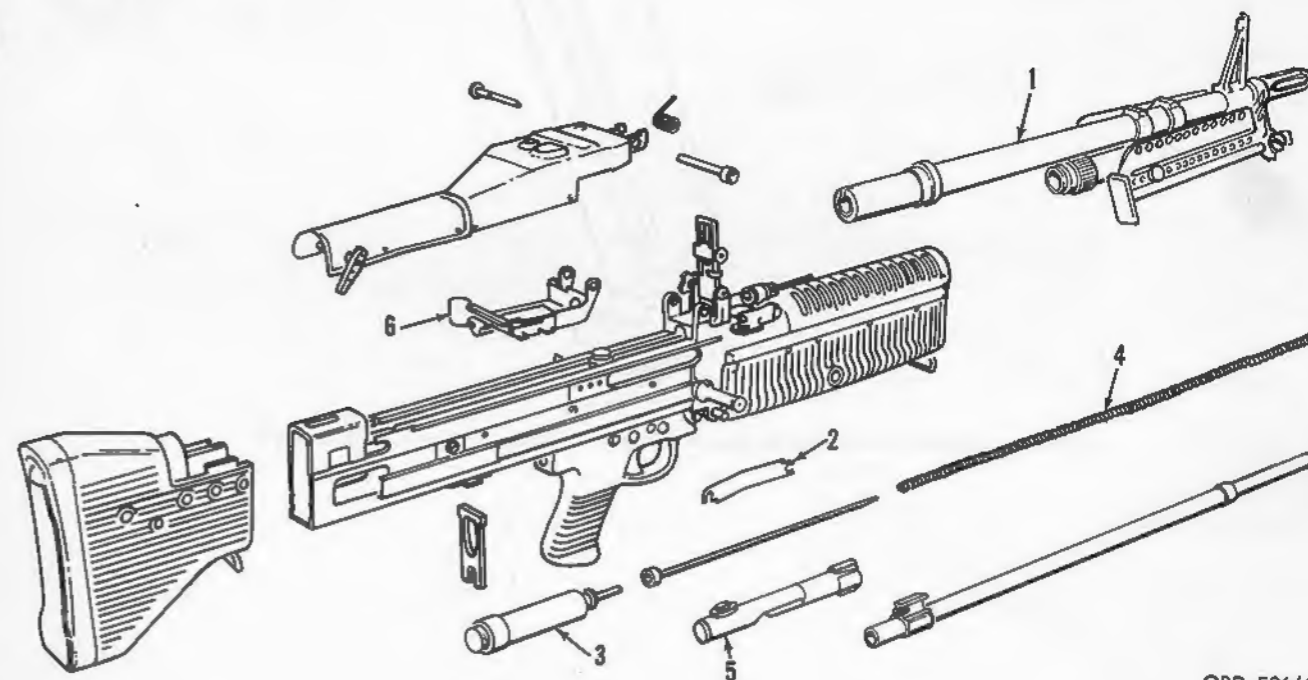
5. Suggestions and Recommendations

The direct reporting of errors, omissions and recommendations for improving this equipment manual by the individual user, is authorized and encouraged. DA Form 2028 will be used for reporting these improvements. This form may be completed using pencil, pen or typewriter. DA Forms 2028 will be completed by the individual using the manual and forwarded direct to:

Commanding General
Headquarters
U. S. Army Weapons Command
ATTN: AMSWE-SMM-P
Rock Island Arsenal
Rock Island, Illinois 61202

SECTION II. REPAIR PARTS AND SPECIAL TOOL LISTS

(1) Source maintenance and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) 15-Day maintenance allowance per equipment density spread				(7) Illustration	
(a) Material numerical code	(b) Source	(c) Maintenance level	(d) Recoverability					(a) 1-6	(b) 7-20	(c) 21-50	(d) 51-100	(a) Figure No.	(b) Item No.
REPAIR PARTS FOR: MACHINE GUN, 7.62-MM, M60 Major Assemblies and components													
P1	O	R		1005-608-5001	BARREL ASSEMBLY WITH BIPOD ASSEMBLY: (7269027).	1	1	(1)	(1)	(1)	(1)	2	1
P1	F	---		1005-608-5034	BOLT ASSEMBLY, BREECH: (7269064).	1	1	(1)	(1)	(1)	(1)	2	5
P1	O	R		1005-608-5070	BUFFER ASSEMBLY: (7269096) ---	1	1	(1)	(1)	(1)	(1)	2	3
P	O	---		1005-608-5271	SPRING, HELICAL, COMPRESSION: S, 0.080 strand dia, 0.370 free od, 25.75 free over-all lg, 144 coils, operating rod (7269303).	1	1	(1)	(1)	(1)	(2)	2	4
P1	O	---		1005-975-8595	SPRING, LEAF: (7792398) -----	1	1	(1)	(1)	(1)	(1)	2	2
P1	O	---		1005-987-9682	TRAY ASSEMBLY, CARTRIDGE FEED: (7792096).	1	1	(1)	(1)	(1)	(1)	2	6



ORD F8646

Figure 2. Major assemblies and components for machine gun M60 - partial exploded view.

(1) Source maintenance and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) 15-Day maintenance allowance per equipment density spread				(7) Illustration	
(a) Material numerical code	(b) Source	(c) Maintenance level	(d) Recoverability					(a) 1-8	(b) 7-20	(c) 21-50	(d) 51-100	(a) Figure No.	(b) Item No.
6	P	O	---	1005-987-9907	PLUG, GAS CYLINDER: (7792093)	1	1	(1)	(1)	(1)	(2)	3	3
	P	O	---	1005-608-5009	WASHER, KEY: 8, 0.940 id, 0.033 thk, gas cylinder (7269035).	1	2	(1)	(1)	(2)	(3)	3	1
	P1	O	---	9505-308-3978	WIRE, STEEL, CORROSION RESISTING: annealed, 0.032 dia, 1 lb spool (96906-20995-C32).	LB	AR	*	*	*	*	3	2

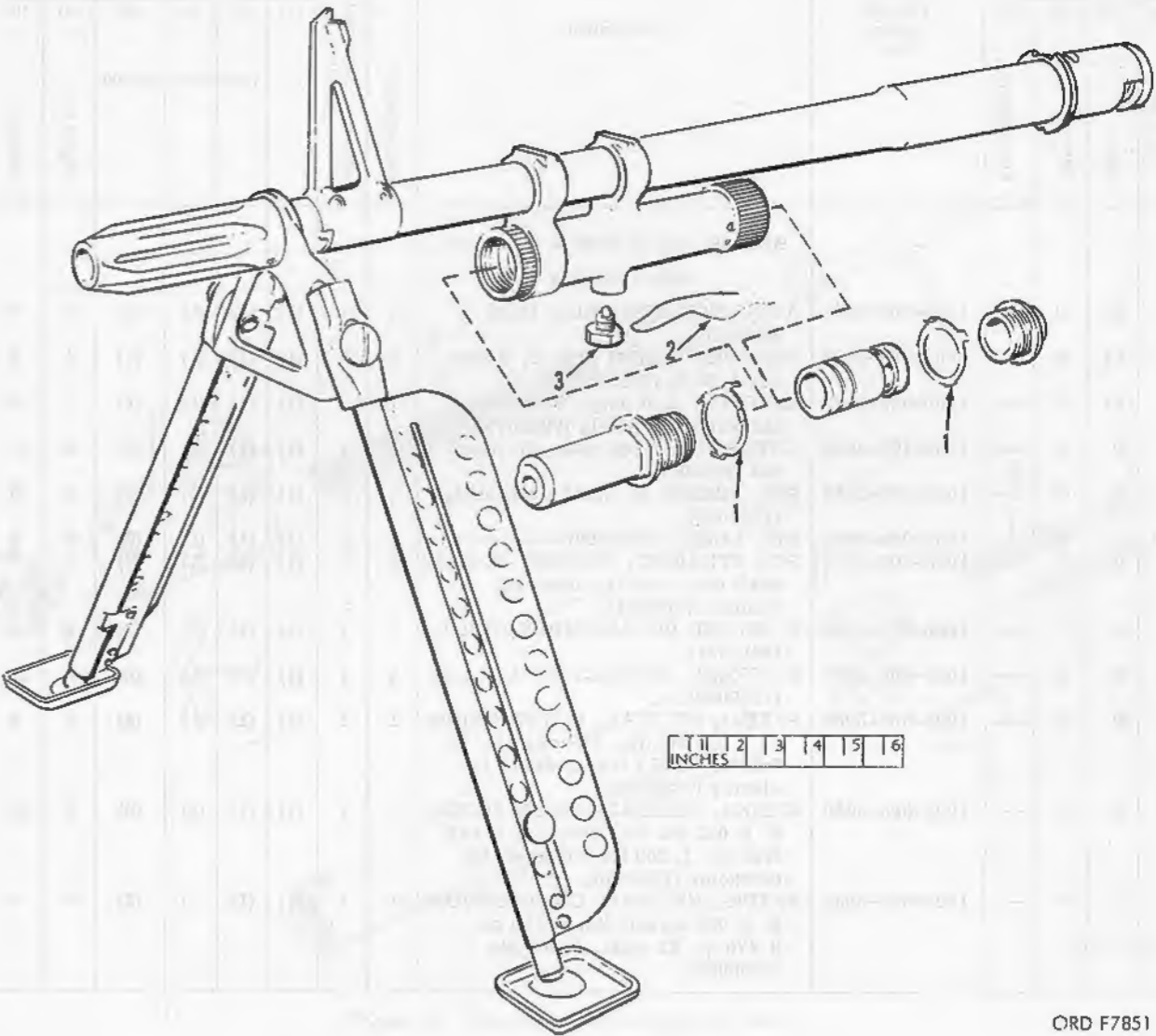


Figure 3. Barrel assembly with bipod assembly—partial exploded view.

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(1) Source maintenance and recoverability code				(2)	(3)	(4)	(5)	(6) 15-Day maintenance allowance per equipment density spread				(7) Illustration	
(a) Material number- ical code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of Issue	Quantity incorporated in unit	(a) 1-6	(b) 7-20	(c) 21-50	(d) 51-100	(a) Figure No.	(b) Item No.
					REPAIR PARTS FOR — Continued Bolt Assembly								
P1	O	---	---	1005-608-5037	ACTUATOR ASSEMBLY, CAM: (7269063).	1	1	(1)	(1)	(1)	(1)	4	3
P1	O	---	---	1005-608-5039	BEARING, FIRING PIN: S, 0.400 od, 1.63 lg (7269065).	1	1	(1)	(1)	(1)	(1)	4	5
P1	O	---	---	1005-608-5047	EJECTOR: bolt assy, S, 0.186 largest od, 0.840 lg (7269073).	1	1	(1)	(1)	(1)	(1)	4	8
P	O	---	---	1005-779-6030	EXTRACTOR: bolt assy, S, phos- ctd (7790907).	1	1	(1)	(1)	(1)	(2)	4	10
P	O	---	---	1005-608-5055	PIN, FIRING: S, 3.411 over-all lg (7269081).	1	1	(1)	(1)	(1)	(2)	4	6
P	O	---	---	1005-994-9648	PIN, LOCK: (7792920)-----	1	1	(1)	(1)	(1)	(2)	4	1
P	O	---	---	1005-608-5058	PIN, STRAIGHT, HEADED: S, 0.093 shaft dia, 0.560 lg under hd, ejector (7269084).	1	1	(1)	(1)	(1)	(2)	4	7
P	O	---	---	1005-994-9642	PLUG AND PIN ASSEMBLY, BOLT: (5910621).	1	1	(1)	(1)	(1)	(2)	4	2
P	O	---	---	1005-608-5057	PLUNGER, EXTRACTOR: bolt assy (7269083).	1	1	(1)	(1)	(1)	(2)	4	11
P	O	---	---	1005-608-5059	SPRING, HELICAL, COMPRESSION: S, 0.040 stk dia, 25 coils, 0.175 free od, 1.413 free over-all lg, ejector (7269085).	1	1	(1)	(1)	(1)	(2)	4	9
P	O	---	---	1005-608-5060	SPRING, HELICAL, COMPRESSION: S, 0.032 stk dia, 25 coils, 0.132 free od, 1.200 free over-all lg, extractor (7269086).	1	1	(1)	(1)	(1)	(2)	4	12
P	O	---	---	1005-608-5061	SPRING, HELICAL, COMPRESSION: S, 0.063 strand dia, 0.310 od, 3.470 lg, 22 coils, firing pin (7269087).	1	1	(1)	(1)	(1)	(2)	4	4

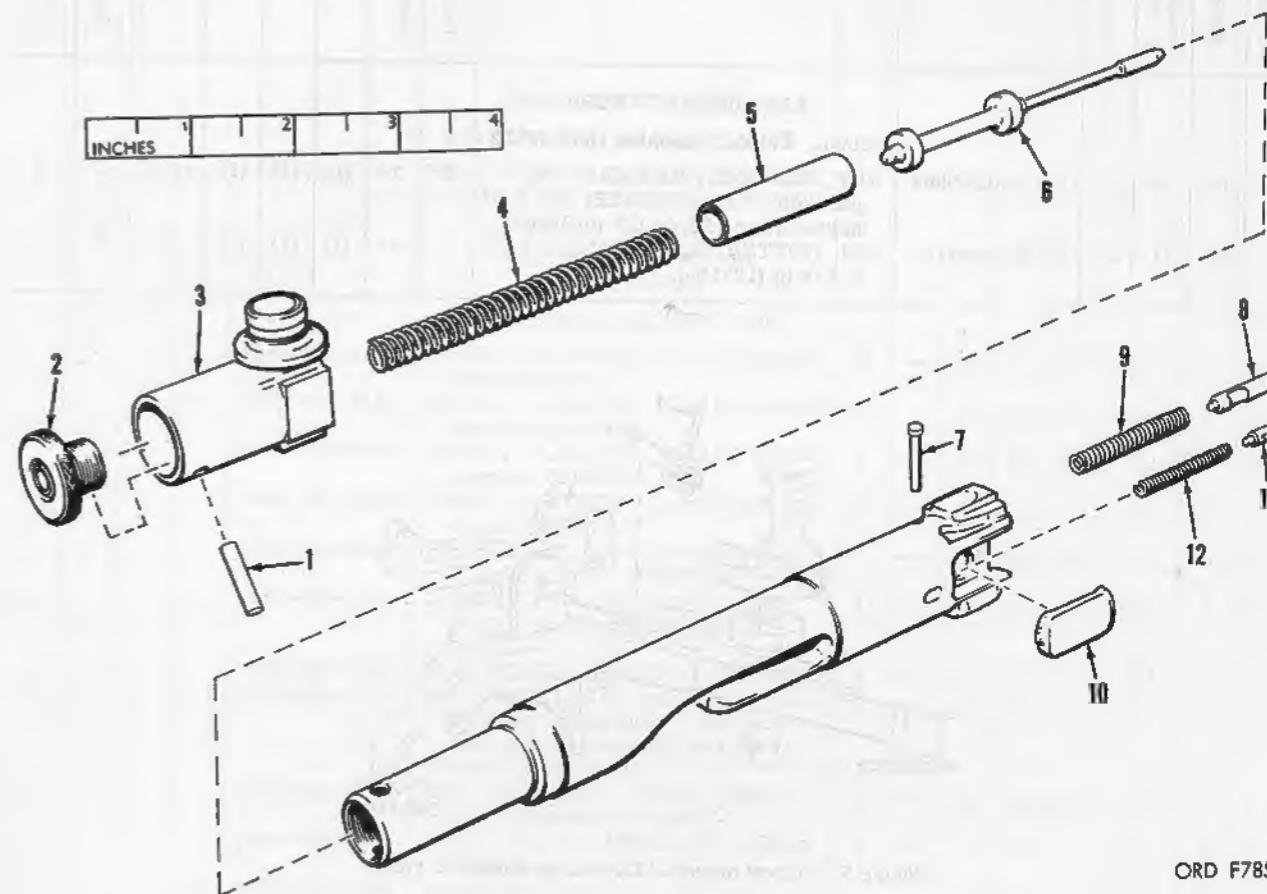


Figure 4. Bolt assembly—exploded view.

ORD F7853

(1) Source maintenance and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) 15-Day maintenance allowance per equipment density spread				(7) Illustration	
(a)	(b)	(c)	(d)					(a)	(b)	(c)	(d)	(a)	(b)
Material numer- ical code	Source	Maintenance level	Recoverability					1-6	7-20	21-50	51-100	Figure No.	Item No.
P	O	---		5310-513-9964	REPAIR PARTS FOR: Mount, Tripod, Machine Gun, M122 NUT, SLOTTED, HEXAGON: S, phos-ctd, 9/16-18NF-2B, 7/8 w across flats, 25/64 thk (6139964).	1	1	(1)	(1)	(1)	(1)	5	2
P1	O	---		5315-013-7195	PIN, COTTER: S, phos-ctd, 1/8 x 1-1/4 lg (137195).	1	---	(1)	(1)	(1)	(1)	5	1

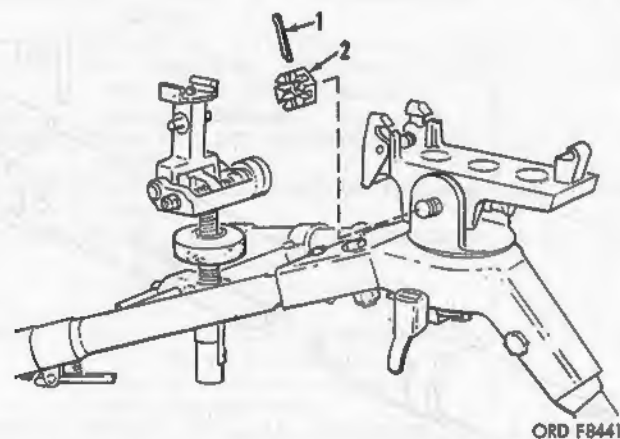


Figure 5. Tripod mount M122-parial exploded view.

(1) Source maintenance and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) 15-Day maintenance allowance per equipment density spread				(7) Illustration	
(a)	(b)	(c)	(d)					(a)	(b)	(c)	(d)	(a)	(b)
Material numer- ical code	Source	Maintenance level	Recoverability					1-6	7-20	21-50	51-100	Figure No.	Item No.
P1	O	---		1005-601-7660	REPAIR PARTS FOR: Rod, Cleaning, Small Arms, M1 SWAB HOLDER SECTION, SMALL ARMS CLEANING ROD: (6017660).	1	1	*	*	*	*	6	1A
					TOOLS AND EQUIPMENT AUTHORIZED FOR UNIT REPLACEMENT								
					Machine Gun, 7.62-MM, M60								
				1005-556-4174	BRUSH, CLEANING, SMALL ARMS: bore (5564174).	1	---	(1)	(1)	(2)	(4)	6	7
				1005-690-3115	BRUSH, CLEANING, SMALL ARMS: chamber (7790452).	1	---	(1)	(1)	(1)	(2)	6	6
				1005-650-4508	BRUSH, CLEANING, SMALL ARMS: receiver (7790342).	1	---	(1)	(1)	(1)	(1)	6	8
				1005-791-5420	CASE, CARRYING: barrel assy and equip (7791009).	1	---	1	1	1	1	7	-
				4933-652-9950	EXTRACTOR, RUPTURED CAR- TRIDGE CASE: (7790352).	1	---	(1)	(1)	(1)	(1)	6	4
				9150-889-3522	LUBRICATING OIL, SEMIFLUID: (LSA) 4 oz tube (SPEC-MIL-L- 46000).	1	---	(1)	(1)	(2)	(3)	6	5
				1005-691-1639	MAGAZINE ASSEMBLY: (7790572)	1	---	(1)	(1)	(1)	(1)	8	-
10	---	---	---	8415-266-8843	MITTEN, CLOTH: work type, mens, asbestos, plain cuff, 1 sheath ex- cluding thumb M1942, MIL-M- 11199 (37-M-394).	1	---	(1)	(1)	(1)	(1)	9	-
				1005-650-8237	ROD, CLEANING, SMALL ARMS: M1, 3 sections (6508237).	1	---	(1)	(1)	(1)	(1)	6	1
				1005-654-4058	SLING, SMALL ARMS: M1 webbing (6544058).	1	---	1	1	1	2	6	2
			R	1005-690-3766	WRENCH, SCREWDRIVER AND REAMER, COMBINATION: (7790680).	1	---	(1)	(1)	(1)	(1)	6	3
				1005-288-3565	SWAB, SMALL ARMS CLEANING: cotton, 2-1/2 sq (1000 in pkg) (5019316).	PKG	---	(1)	(1)	(1)	(1)	---	-
					Mount, Tripod, Machine Gun, M122 None Authorized								

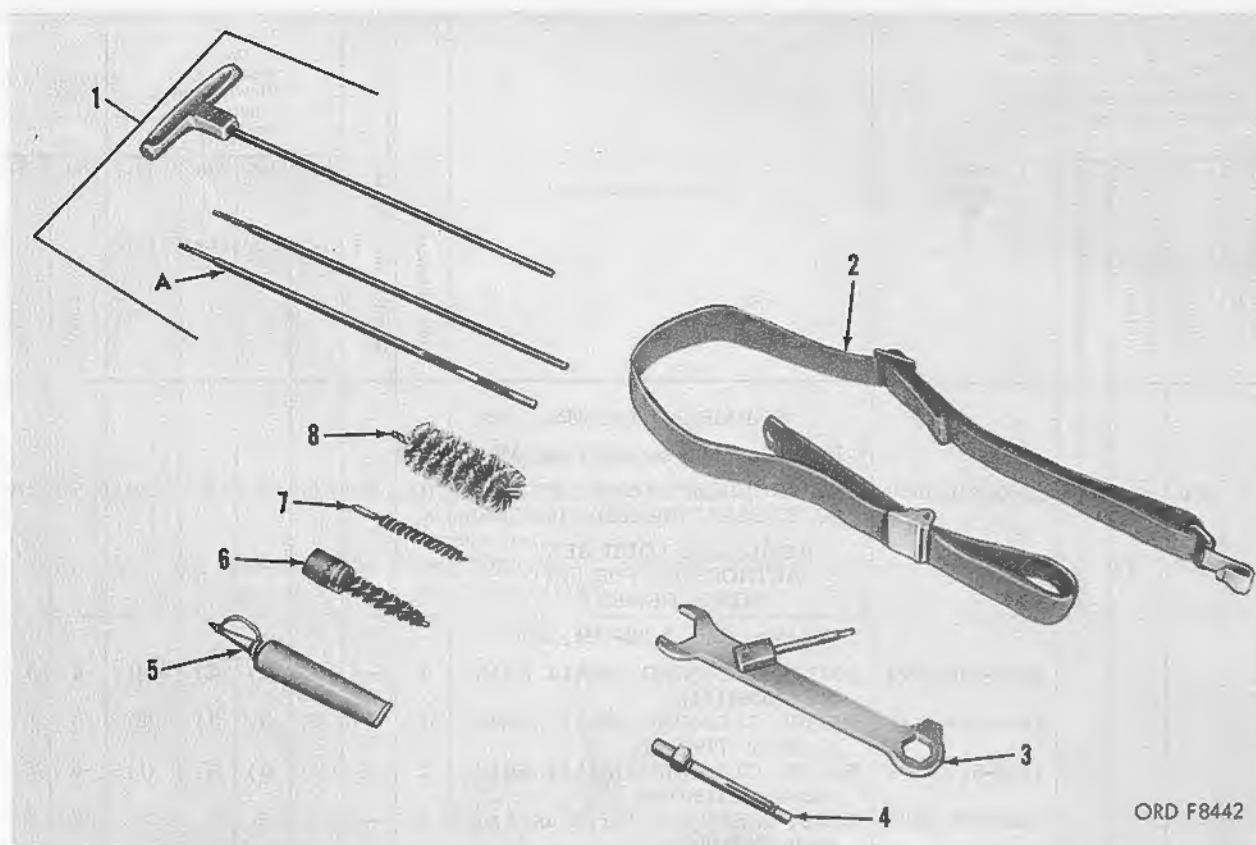


Figure 6. Special tools and equipment.

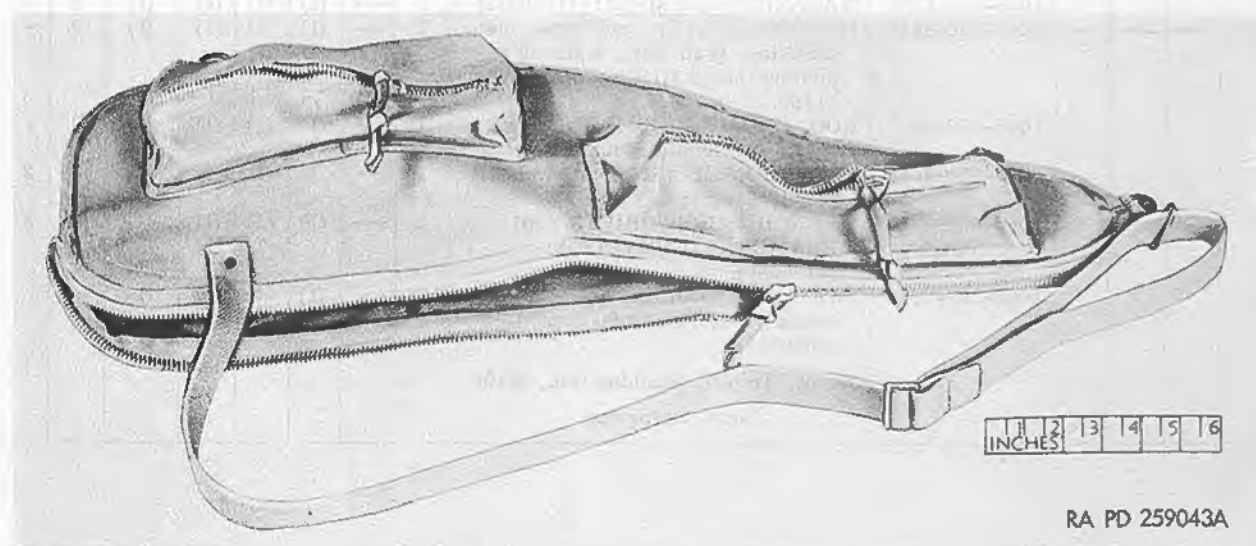


Figure 7. Carrying case 7791009.

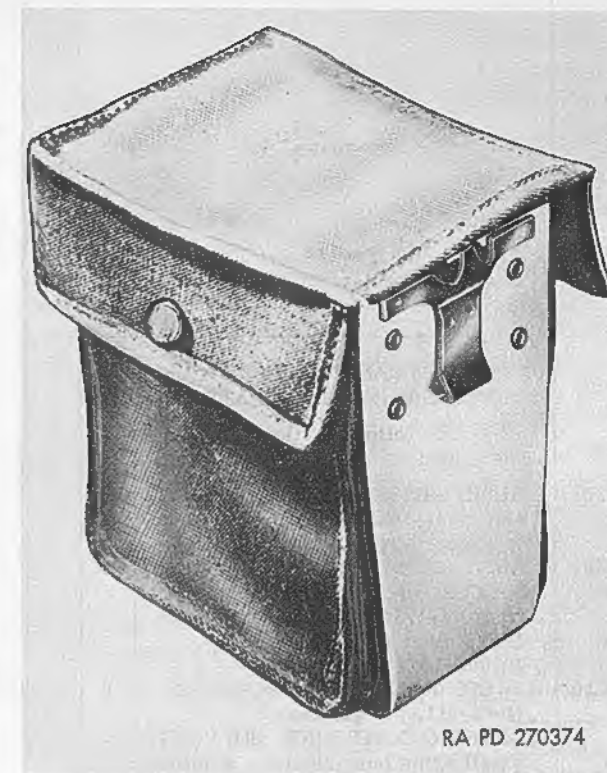


Figure 8. Magazine assembly 7790572.

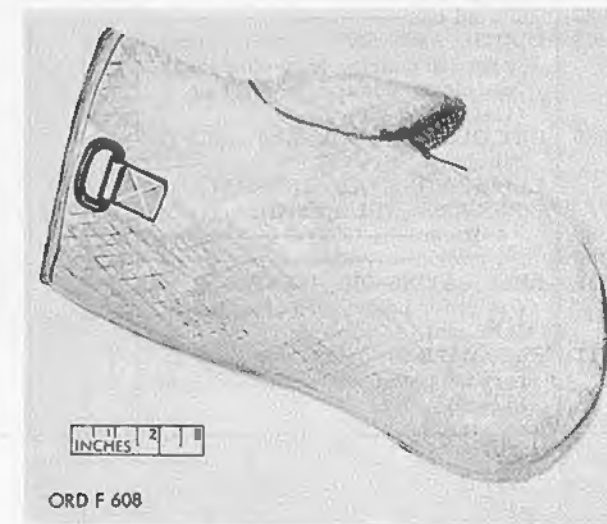


Figure 9. Asbestos mitten M1942 (37-M-394).

(1) Source maintenance and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) 15-Day maintenance allowance per equipment density spread				(7) Illustration	
(a) Material number- ical code	(b) Source	(c) Maintenance level	(d) Recoverability					(a) 1-5	(b) 7-20	(c) 21-50	(d) 51-100	(a) Figure No.	(b) Item No.
					CLEANING AND PRESERVING MATERIALS								
					The following items are req- uisioned as required.								
5	---	---	---	8020-244-0153	BRUSH, ARTISTS: metal, ferrule, flat, chisel edges, 7/16 w, 1-1/8 lg exposed bristle (96906-16840).	1							
10	---	---	---	7920-205-2401	BRUSH, CLEANING, TOOL AND PARTS: rd, 100 percent tampico fiber, 1-1/16 at ferrule brush dia, 2-7/8 clear of block brush lg (96906-16746-29).	1							
3	---	---	---	6850-620-0610	CARBON REMOVING COMPOUND: (P-C-111A) (5 gal can). CLEANING COMPOUND, SOLVENT: small arms bore cleaner, solution type (PD 126).	1							
3	---	---	---	6850-682-6835	2 oz can -----	1							
3	---	---	---	6850-682-6834	6 oz can -----	1							
3	---	---	---	6850-682-6833	1 qt can -----	1							
3	---	---	---	6850-682-6832	1 gal can -----	1							
				5350-221-0872	CLOTH, ABRASIVE: crocus, ferric oxide and quartz, jean-cloth-back- ing, closed coating, 9 w, 11 lg (42-C-20420-50).	1							
3	---	---	---	6850-281-1985	DRY CLEANING SOLVENT: (SD) (1 gal can). LUBRICATING OIL, GENERAL PURPOSE: (PL special).	1							
10	---	---	---	9150-273-2389	4 oz can -----	1							
10	---	---	---	9150-231-6689	1 qt can -----	1							
10	---	---	---	9150-292-9689	LUBRICATING OIL, WEAPONS: (LAW) for below zero operations (1 qt can).	1							
10	---	---	---	7920-205-1711	RAG, WIPING: cotton, for general purpose use (96906-16746-131) (50 lb bale).	1							

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Instl (2) except
Ft Meade (3)
GENDEP (OS) (1)
Ord Sec, GENDEP (1)
Ord Dep (OS) (2)
Army Dep (2) except
Lexington (3)
Tooele (12)
Svc Colleges (2)
Br Svc Sch (2) except
USA Ord Sch (50)
Army Tml (2)
POE (2)
USAOSA (1)
Springfield Armory (2)
Arsenals (5)
Proc Dist (2)
USA Corps (2)
Cen (2)
Mil Msn (1)

NG: State AG (3); Units—Same as Active Army except allowance is one (1) copy to each unit.
USAR: Same as Active Army except allowance is one (1) copy to each unit.
For explanation of abbreviations used, see AR 320-50.

Organizational Maintenance Repair Parts and Special Tool Lists

MACHINE GUN, 7.62-MM, M60 W/E AND MOUNT,
TRIPOD, MACHINE GUN, M122CHANGE }
No. 1 }HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 19 October 1964

TM 9-1005-224-20P, 7 July 1964, is changed as follows:

Page No.	Action	(1) Source maintenance and recoverability code	(2) Federal stock No.	(3) Description
		(c) Maintenance level		
5	Change cols. (1) (c) and (2)-----	0	(1005-608-5034) 1005-017-9782	BOLT ASSEMBLY, * * *
14	Change cols. 2 and 3-----		(6850-682-6835) 6850-224-6656 (6850-682-6834) 6850-224-6657 (6850-682-6833) 6850-224-6658 (6850-682-6832) 6850-224-6663	CLEANING COMPOUND, SOLVENT: small arms bore cleaner, solution type (CR). 2 oz can ----- 6 oz can ----- 1 qt can ----- 1 gal can -----

Note. Parentheses () indicate old stock number, followed by new.

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USAOCDA (2)
ARADCOM (2)
ARADCOM Rgn (2)
OS Maj Conid (2) except
USAREUR (3)
USARJ (3)
OS Base Comd (2)
LOGCOMD (2)
USAWECOM (60)
USAMUCOM (2)
USAECOM (2)
USAMOCOM (2)
USASMC (2)
USATECOM (2)
MDW (2)
Armies (3) except
Sixth USA (1)
Corps (2)

Div (2)
Bde (2)
Regt/Gp/BG (2)
Bn (2)
Co/Btry (1) except
Ord Co (2)
Instl (2) except
Ft Meade (3)
Svc Colleges (2)
Br Svc Sch (2) except
USA Ord Sch (50)
GENDEP (OS) (1) "
Ord Sec, GENDEP (OS) (1)
Army Dep (2) except
LXAD (3)
TEAD (12)
USAATC (3)
Army Tml (2)
POE (2)
Springfield Armory (2)
Arsenals (5)
Proc Dist (2)
USA Corps (2)
Cen (2)
Mil Msn (1)
Ord Dep (OS) (2)

NG: State AG (3); units—same as active Army except allowance is one copy to each unit.

USAR: Same as active Army except allowance is one copy to each unit.

For explanation of abbreviations used, see AR 320-50.